Apacer

The Most **Reliable**
Storage For Industries

CV110-MSD

Apacer
Industrial microSDXC U3 I
256GB 10

CV110-MSD

Overview

Apacer MicroSD CV110-MSD is compatible with the MicroSD card version 6.1. The command list supports [Physical Layer Specification Ver6.10 Final] definitions. Card Capacity of Non-secure Area, Secure Area Supports [Part 3 Security Specification Ver4.00 Final] Specifications.

The MicroSD 6.1 card comes with 8-pin interface. It can alternate communication protocols between the SD mode and SPI mode. It performs data error detection and correction with very low power consumption. It supports capacity up to 256GB with exFAT SDXC.

Apacer MicroSD CV110-MSD Secure Digital 4.0 with high performance, good reliability and wide compatibility is nowadays one of the most popular cards well adapted for hand-held applications with customized firmware techniques in semi-industrial/medical markets already.
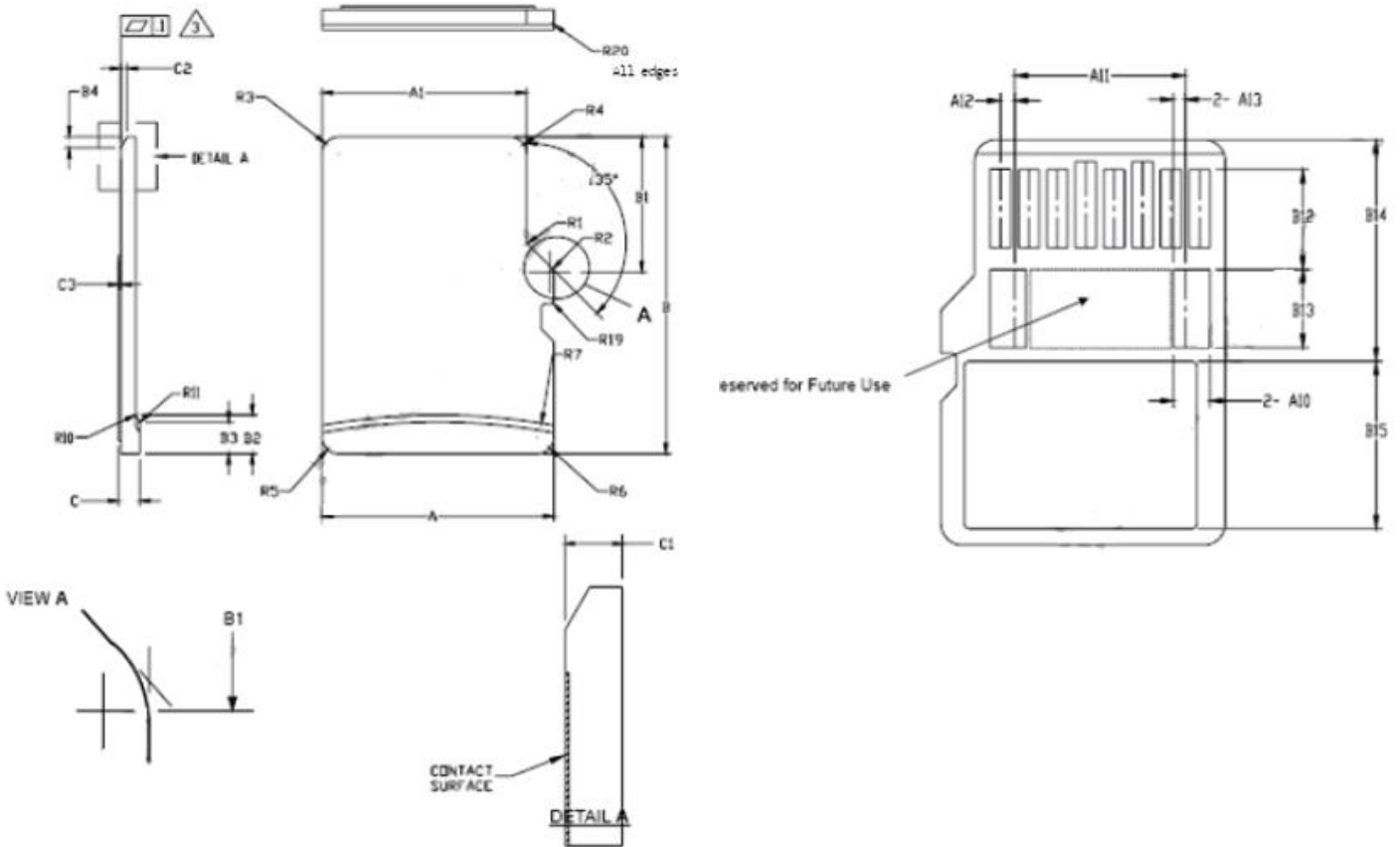
Feature

- Compliant with SD 4.0 Specification
- S.M.A.R.T supported
- Wear-Leveling and Block Management
- Support Class 10 with UHS-I
- Low Power Consumption
- Wide Temperature Support(Optional)
- DataRAID™
- SMART Read Refresh ™

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Specifications

Model	CV110-MSD
Interface	SD4.0
Connector	–
Form Factor	Micro SD
NAND Flash Type	3D TLC
Capacity	SDHC:32GB~256GB
Sustained Read Performance (MB/sec)	Up to 90
Sustained Write Performance (MB/sec)	Up to 34
ECC Engine	Built-in advanced ECC algorithm
IOPS (4K Random Write)	1300
Standard Operating Temperature (°C)	-25 ~ + 85
Extended Operating Temperature (°C)	-40 ~ + 85
Storage Temperature (°C)	-40 ~ + 85
Shock	(Operating)1,500G, 0.5ms
Vibration	20Hz~80Hz/1.52mm (frequency/displacement) 80Hz~2,000Hz/20G (frequency/accelerate)
Operating Voltage	2.7V ~ 3.6V
Power Consumption	Active mode: 105 mA & Idle mode: 185 uA
Dimension (L x W x H)	15x11x1 (mm)
MTBF (hours)	>3,000,000

Mechanical Specification

Unit: mm

For more information,
contact your Apacer representative

Global Presence